Standard NXRZ-ST SCSI Drive

The Nemonix Standard NXRZ-ST SCSI Drive is the leading, newly-manufactured SCSI hard drive for legacy systems.

Drive Mechanism

Standard mechanical hard drive with spinning platter, & spindle

Ultra SCSI Interface

50-pin Ultra SCSI
68-pin Ultra SCSI 160
80-pin Ultra SCSI 320

Physical Capacities

100 MB to 500 GB

Compatibility

Cross-platform device, including:
OS: OpenVMS*, AIX, Sun, Windows
HW: VAX, Alpha, HP, IBM, Sun,Intel

Dimensions

L:14.6 cm, W:10.1 cm, H:2.5 cm

Maximum Shock

Operating: 350 Gs for 2ms
Nonoperating: 350 Gs for 2ms

Ambient Temperature

Operating: 0° - 60°C
Non operating: -40° - 70°C

Warranty

3 year warranty
Return to factory, parts and labor
Extendable to 10 years total

Designed to Fit YOUR Form and Function

Out of the box, the Standard NXRZ SCSI Drive supports three SCSI interfaces: 50-pin, 68-pin, and 80-pin Ultra SCSI interfaces. However, we can fit the drive with any SCSI I, II, or III connector. In addition, we can provide a bare drive, or build it with an enclosure of your specification. We customize accordingly, whether you run VAX, AlphaServer, Integrity, IBM, SUN, or X86 servers.

Configured for Maximum Compatibility

In addition to being compatible with any current SCSI-based system that supports SCSI I, II, III, and Ultra SCSI, Nemonix provides extraordinary, on-firmware support for legacy End of Life (EOL) systems. For example, we support DEC VAX servers running versions of OpenVMS as early as 5.5-2H4. Furthermore, we can configure the formatted size of the drive to fit the maximum addressable drive capacity supported by your operating system.

Built to Extend the Life of Your Hardware Investment

The Nemonix NXRZ drive series is at the forefront of our core mission: to extend and maximize the performance of your legacy systems. The Standard NXRZ SCSI Drive relies on state-of-the-art, 5 volt technology that consumes far less energy than the 12 volt drives that they replace. With the proper SCSI controllers and SCSI interface, Nemonix NXRZ drives can achieve 213% better data throughput than the original legacy drives.

*   The Nemonix Standard NXRZ SCSI Drive is compatible with OpenVMS 5.5-2H4 and up.

NEMONIX™ Engineering, Inc.   *Giving new life to old systems.*

Real-World Performance

	DEC 7200 RPM	DEC 10k RPM	NXRZ	NXRZ-XL
Backup 8 GB File in OpenVMS	1.2 Hours	0.8 Hours	0.38 Hours	0.35 Hours
% Faster than DEC 7200 HD	0%	+50%	+213%	+243%

Interface

	All Interfaces	Ultra SCSI	Ultra SCSI 160	Ultra SCSI 320
Max Data Transfer		20 MB/s	160 MB/s	320 MB/s
Connector Type		50-pin	68-pin	80-pin SCA2
Built-in Flash ROM (for easy upgrade)	Yes	Yes	Yes	Yes
Selectable SCSI IDs		0-7	0-15	0-15

Power Requirements

5V Start Max	Avg Idle	Avg Operating	Avg Seek
1.0A	0.8W	1.1W	2.2W

SCSI Termination

Ultra SCSI (50-pin)	Ultra SCSI 160 (68-pin) & 320 (80-pin)
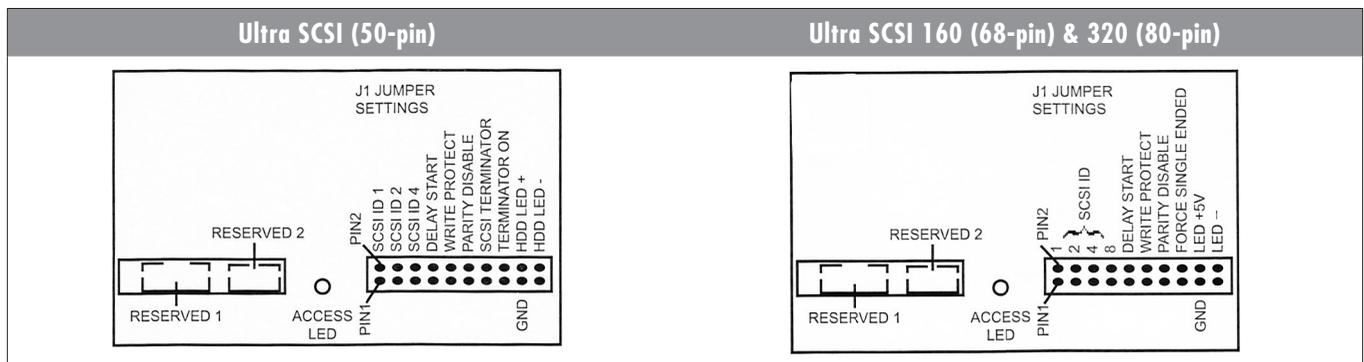
This device may be self-installed, installed with Nemonix Engineering phone support, or installed by your service provider with Nemonix Engineering phone support. Nemonix Engineering offers 9-5 installation and warranty support during the 3-year warranty period, via phone.

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NEMONIX™ Engineering, Inc.   *Modern acceleration for legacy systems.*